

PETROVA, A.N.; BOLOTINA, T.T.

Role of soluble ribonucleic acid in the transfer of glycosyl groups
Dokl. AN SSSR 142 no.3:716-718 Ja '62. (MIRA 1962)

1. Institut biokhimii im. A.N.Bakha AN SSSR. Predstavleno
akademikom A.I.Oparinyam.
(NUCLEIC ACIDS) (AMYLOSE ISOMERASE)

KLYUCHNIKOV, L.Yu.; PETROVA, A.N.

Effect of the repeated use of herbicides on the microflora of the soil. Mikrobiologiya 29 no.2:238-241 Mr-Apr '60. (MIRA 14:7)

1. Institut sel'skogo khozyaystva tsentral'no-chernozemnoy polosy imeni V.V.Dokuchayeva, Kamennaya step', i Institut mikrobiologii AN SSSR, Moskva.

(SOILS—MICRO-ORGANISMS) (HERBICIDES)

PETROVA, A.N.

Studying the mechanism of action of liver transglycosylase. Biokhimiia
25 no.2:355-359 Mr-Apr '60, (MIRA 14:5)

1. Laboratoriya fiziologicheskoy khimii Akademii nauk SSSR, Moskva.
(LIVER) (TRANSGLYCOSICASE)

PISARENKO, N.F.; PETROVA, A.N.

Studies on the transfer of glycosyl residues of maltose in skeletal muscles. Biokhimiia 26 no.2:350-353 Mr-Apr '61. (MIRA 14:5)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R., Moscow.

(MUSCLES)

(MALTOSE)

(TRANSGLYCOSIDASE)

PETROVA, A. N., and BCLOTINA, T. T. (USSR)

"The Active Forms of Amylose Isomerase."

Report presented at the 5th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

PETROVA, A.N.; PISARENKO, N.P.

Isolation of glycosidase catalyzing the transfer of glycosyl groups of dextrans in muscles. Dokl. AN SSSR 136 no. 4:964-967 F '61. (MIRA 14:1)

1. Institut biokhimii imeni A.N. Bakha Akademii nauk SSSR.
Predstavleno akademikom A.I. Oparinyam.

(TRANSGLYCOSIDASE) (MUSCLE) (DEXTRIN)

BIKSON, I.A., inzh.; PETROVA, A.N., inzh.

Investigation of new types of plastics. Khim.mash.
no.4:28-29 J1-Ag '60. (MIRA 13:7)
(Chemical engineering--Equipment and supplies)
(Plastics)

PETROVA, A.N.

Thunderstorms in the Arctic. Probl. Arkt. no. 5:67-71 '58.
(MIRA 13:5)
(Arctic regions--Thunderstorms)

ACCESSION NR: AT4018903

B/2508/61/010/001/0029/0044

AUTHOR: Petrova-Deneva, Ana

TITLE: Calculation of shells of rotation of positive Gaussian curvature for cyclic boundary conditions

SOURCE: Sofia. Mashinno-elektrotekhnicheski institut. Godishnik, v. 10, no. 1, 1961. Sofia, 1962. Matematika, mekhanika, teoretichna elektrotekhnika (Mathematics, mechanics, theoretical electrical engineering), 29-44

TOPIC TAGS: rotation shell, integration, asymptotic integration, positive curvature rotation shell, cyclic boundary condition, differential equation

ABSTRACT: The author considers a shell of rotation of positive curvature at the boundary conditions: (1.1) $T_1 = \cos k\beta$, $S_1 = 0$, $G_1 = 0$, $N_1 = 0$

when k is a number greater than unity. The method followed in the solution of this problem is that proposed by A. L. Gol'denveyzer for the asymptotic integration of differential equations and the calculation of thin shells. (Prikladnaya matematika i mekhanika, v. XXII v. 5, 1958; Prikladnaya matematika i mekhanika. v. XXIII, v. 1, 1959; Uspekhi matematicheskikh nauk, v. XV, v. 5(95), 1960). Differential equation $L(W) + hN(W) = 0$, (1) is

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ACCESSION NR: AT4018903

solved in the form $W = W^{(1)}_e k f + W^{(2)}_e x g$. (1.2), if $y = 2$. The author has computed the functions of invariability f, g for the boundary conditions: $f_0|_{a=a_0} = 1/2, f_1|_{a=a_0} = 0$, (1.4), $g_0|_{a=a_0} = 0, g_1|_{a=a_0} = 1/2$, (1.5). He has also determined the boundary conditions for $W^{(1)}$ and $W^{(2)}$ in the first approximation. The Table in the Enclosure shows the elastic displacements in the first approximation. Orig. art has: 3 tables and 57 formulas.

ASSOCIATION: Mashinno-elektrotekhnicheski institut, Sofia (Institute for Mechanical and Electrical Engineering)

SUBMITTED: 00

DATE ACQ: 04Mar64

ENCL: 01

SUB CODE: MM, PH

NO REF SOV: 005

OTHER: 000

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2/82

9

PETROVA, A. P.

Changes in microstructure of individual grains of metal during heat-treatment V. I. Arkharov and A. P. Petrova Zvezdskaya Lab 5, 784-6, 1936) - The polished and etched surface is Cr-plated and heated, the Cr dissolved off by HCl and changes in the structure of a single grain are observed B. C. A.

PERKINS, A. I.

Petrova, A. I. "Effectiveness of hydrogen sulfide as a control of insect pests,"
Ito. i. Nauchno-Issled. Inst. Khim. Razv. Vostochno-Sibirsk. Nauch. Tsentra
Sov. Akad. Nauk, part 1, 1967, pp. 1-10. 103. 0. 1967

So: SIM - Si- G-13, 11 - 143

PWT RVA, 1.1.

"Investigation of New Fundholders to Replace 'Old'." Reproduction of

no. 18, 1937, 1. 121-122. 421 P. 2

SI: SI: SI 10-13, 1. Dec. 1933

PETROVA, A. F.

"The Effect of Camphor on the Cardiovascular System in Children." Cand
Med Sci, Second Moscow State Medical Inst, Moscow, 1953 (RZhBiol, No 5,
Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

PETROVA, A. P.

PETROVA, A.P. (Moskva)

Effect of camphor on the cardiovascular system in children.
Fel'd. 1 akush. no.8:29-30 Ag '54. (MLRA 7:8)
(CAMPBOR, effects
on cardiovasc. system in child.)
(CARDIOVASCULAR SYSTEM, effects of drugs on
camphor, in child.)

PETROVA-ZAVGORODNYAYA, A.P.

Effect produced on the wheat plant and the mycelium of wheat smut
by the treatment of wheat seeds with a high-frequency electromagnetic
field. Trudy VIZR no.14:109-122 '60. (MIRA 14:2)
(Wheat) (Smuts) (Plants, Effect of microwaves on)

USSR / Human and Animal Physiology. Blood Circulation. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41341.

Author : Svechnikov, V. A.; Ilinskaya, O. B.; Petrova, A. P.

Inst : Leningrad Sanitary-Hygiene Medical Institute.

Title : Experimental Reflex Therapy of Hypertension.

Orig Pub: Tr. Leningr. san-gigiyen. med. in-ta, 1957, 34,
149-156.

Abstract: No Abstract.

Card 1/1

ПЕТРОВА А.П.

PETROVA, A.P.

Mutual solubility of the ternary system CaCl_2 -- MgCl_2 -- H_2O at 55° .
(MIRA 10:10)
Soob.o nauch.rab.chl.VKHO no.2:46-48 '55.
(Solubility) (Calcium chloride) (Magnesium chloride)

12760141
KHOROSHAYA, Ye.S.; KOVRIGINA, G.I.; GORDONOVA, R.D.; PETROVA, A.P.;
MITROFANOVA, Ye.N.

Rapid method for determining the percentage ratio of the low
polymer fraction in polyvinyl chloride resins. Leg.prom. [16]
no.11:39-40 N '56. (MLRA 10:1)
(Resins, Synthetic)

METELITSYI Georgiy Trofimovich [deceased]; PETROVA, Aleksandra Petrovna;
FEDOTOVSKIY, A.P., red.; SYCHEVA, V.A., tekhn.red.

[Ways of reducing production costs in the trawler fleet]
Puti snizheniia sebestoimosti produktsii v tralovom flote. Murmansk,
Murmanskoe knizhnoe izd-vo, 1962. 77 p.

(MIRA 16:6)

(Trawls and trawling--Costs)

26

Isomerization of linseed oil in the presence of metals
 A. A. Ivanova and A. S. Petrova. *Khim. i tekhn. masel* 1947,
 No. 8, 20-1. Linseed oil was isomerized at varying
 temps. (225-300°) for 24 hrs. with varying quantities of
 CaO, ZnO, PbO, Cu, Hg, Zn, Fe, Pb, and clays. The
 oxides and clays catalyzed isomerization but also induced
 strong polymerization. The metals catalyzed isomeriza-
 tion and caused only slight polymerization. With 2.5
 g/l. of Zn and a temp. of 250°, 27-28% of the double
 bonds were changed to conjugated ones. Varnishes prepd.
 with thus-treated linseed oil were superior to varnishes
 prepd. with a mixt. of tung and linseed oil. M. Hosh.

ASD SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM	TO	DATE	BY	REMARKS
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
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96	97	98	99	100

M. A

Estimation of Zinc in Metallic Aluminium and Its Alloys. K. A. Vashchenko and A. S. Petrova (*Zavod. Lab. (Works' Lab.)*, 1938, 7, 1021-1031, *Chem. Abstr.* 34: 111, 111, 3072). In Russian. For amounts of Zn 0.1-1.0%. The authors recommend the oxymethylene method of precipitation in alkaline solution for the final determination. For the determination of small amounts of Zn, Vashchenko and Petrova discovered a new method: separating from the Zn solution the Al and Fe by means of alkali, and precipitating the Zn with oxymethylene. This method has the advantage of not requiring the use of the sample by alkali, and of providing the use of a small amount of sample.

1943

191 AND 199 509191		PROCESSING AND PROPERTIES INDEX		191 AND 199 509191	
Determination of zinc in metallic aluminum and its alloys. K. A. Vasil'ev and A. S. Petrova. <i>Zarodkovye Lab.</i> 8, 19-23 (1939).-- Methods are given for detg. small and large (over 1%) quantities of Zn in Al. If the Zn content is over 1% dissolve a 1 g. sample in 25 ml. of 20% NaOH, heat to boiling after diln. with hot water, filter, add 10 ml. of 50% tartaric acid soln. to the cooled filtrate, and then gradually add 25-30 ml. of a 3% alc. soln. of hydroxyquinoline to the stirred soln. in the course of 5-10 min. until pptn. occurs. Heat the soln. on a sand bath to 60°, cool and filter. Wash the ppt. first with 1% cold sodium tartrate soln. in slightly alk. water and then with warm water. Dissolve the ppt. in 100 ml. hot HCl (1.2), cool, add 0.2 g. KBr, then several drops of methyl red, and titrate the soln. with 0.1 N bromide-bromate soln. until the pink color turns yellow. Add an addnl. 5 drops of methyl red and, if the color becomes pink, continue the titration. Repeat the operations until a few drops of					
bromide-bromate do not destroy the pink color. Add an excess 2-3 ml. of bromide-bromate, then 10 ml. of 10% KI soln., and titrate the free I₂ with 0.05 N thiosulfate soln., with starch as indicator. If the Zn content is small, dissolve a 10-g. sample in a mixt. of H₂SO₄ (1.1), HNO₃ (1.4), and HCl (1.12), using 25 ml. of the mixt. for 1 g. of the sample. Evap. the soln. on a sand bath to fumes of H₂SO₄, cool, dil. with 300 ml. hot water and heat with 35 g. K₂SO₄. Cool the soln. rapidly, filter through a Buchner funnel, evap. the filtrate and wash waters to 50-75 ml., cool, and again filter through a Buchner. If Cu is present, remove it by H₂S. Neutralize the soln. with NH₃ to the point where the turbidity does not disappear upon shaking, add 25 ml. of 30% citric acid soln., cool the soln. and add NH₃ until the soln. is neutral to methyl orange. Add 25 ml. of a formic acid mixt. (200 ml. formic acid, 250 g. (NH₄)₂SO₄, and 30 ml. NH₄OH (15 mol.) dild. to 1 l. with water) and dil. the soln. to 200 ml. Heat the soln. to 60° and, while the air from the flask is being expelled with a weak H₂S stream from a Kipp generator, heat to 90-100°. When the alb. has been completely expelled, discontinue the heating and eat. the soln. with H₂S for 40-50 min. After 2 hrs. filter the soln. and wash the ppt. with a soln. satd. with H₂S and contg. 4 ml. formic acid 1% water. Dry the ppt., ignite, and weigh as ZnO. If the Zn content is over 0.5% a 3 g. sample may be used. Both methods gave exact results.					
B. Z. Kamich					
ASB-514 METALLURGICAL LITERATURE CLASSIFICATION					
191 AND 199 509191					
191 AND 199 509191					

PETROVA, A.S. (Moskva)

Cytologic diagnosis of some types of tumors of cartilaginous tissue. Arkh. pat. 27 no.8:25-31 '65.

(MIRA 18.10)

1. Tsentral'nyy institut travmatologii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. M.V.Volkov) Ministerstva zdravookhraneniya SSSR.

BAIABA, T.Ye. (Moskva B-64, Basmanny tупik, d. 1-A, kv. 26); IFTNOV, A.S.;
GUSNITSKAYA, T.Ye.; PRIBLIG, S.N.

Functional state of the blood coagulation system in patients with
injuries to the locomotor apparatus. Ortop., travm. i protez. 1964
no. 6:56-57 Je 1964. (RISA 14:3

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (dir. - shlen-
korrespondent AMN SSSR prof. M.V. Volkov).

KURSHAKOVA, N.K.; PETROVA, A.S.; KRAYNOSEIY, E.A., nauchnyye trudy VNIIP

Study by histochemical and cytological methods of early changes
in the bones following ^{90}Sr injury. Biol. eksp. biol. 1981, 34
no.8:104-107. Ag. '61. (USSR) 17:1

1. Deystvitel'nyy chlen AMN SSSR (P. Kravetskiy).

KRAYEVSKIY, N.A., prof.; PETROVA, A.S. (Moskva)

Blood system change in monkeys (Macaca rhesus) in acute radiation sickness. Probl.gemat.i perel.krovi no.7:3-9 '61.

(MIRA 11.9)

1. Deystvitel'nyy chlen AMN SSSR (for N.A. Krayevskiy).
(RADIATION SICKNESS) (BLOOD)

FRIDMAN, B.N., kand. tekhn. nauk; Prinimala uchastiye PETROVA, A.S.

Further increase of the operative efficiency of the flax carder.
Nauch.-issl. trudy TSNILV 16:33-50 '62. (MIRA 16:10)

PETROVA, A.S.

Work of a district physician of a consolidated pediatric hospital.
Vop.okh.mat. i det. 4 no.6:71-73 N-D '59. (MIRA 13:4)

1. Iz ob'yedinennoy detskoy bol'nitsy No.2 g. Chity (glavnyy vrach
Ye.P. Chetvertakova, zaveduyushchiy poliklinicheskim otdeleniyem
O.Ya. Ponomarenko).
(CHITA--CHILDREN--HOSPITALS)

EXCERPTA MEDICA Sec 14 Vol 13/11 Radiology Nov 59

2116. THE MECHANISM OF DEVELOPMENT OF HAEMORRHAGIC DIATHESIS
IN ACUTE RADIATION SICKNESS (Russian text) - Petrova A. S. -
MED. RADIOL. 1958, 3/6 (25-29) Graphs 3 Tables 1

Experiments were carried out on rabbits irradiated with 800 r. and on dogs irradiated with 600 r. The qualitative and quantitative changes in the thrombocytes, retraction of the blood clot and the blood coagulation time were studied. Changes of all these indices occurred previous to clinical manifestations of haemorrhagic diathesis, and may serve as early diagnostic and prognostic signs. The development of haemorrhages in radiation injury mainly depends on disturbances in the blood-coagulating system and, primarily, in the thrombocytic apparatus. The latter is affected from the very first hours after irradiation. (XIV, 16)

PETROVA, A. G.: *Marble Melancholia* (1958) -- "The effects of acute radiation disease and their role in the development of the post-radiation syndrome". Moscow, 1958. 11 pp. (Acad Med Sci USSR), 1958 edition (Ed., M. G., 1958, 1. 2)

EXCERPTA : DICA Sec 16 Vol 7/10 Cancer October 59

4214. **The mechanism of development of haemorrhagic diathesis in acute radiation sickness (Russian text)** PETROVA A. S. *Med. Radiol.* 1958, 3:6 (25-29) Graphs 3 Tables 1

Experiments were carried out on rabbits irradiated with 800 r. and on dogs irradiated with 600 r. The qualitative and quantitative changes in the thrombocytes, retraction of the blood clot and the blood coagulation time were studied. Changes of all these indices occurred previous to clinical manifestations of haemorrhagic diathesis, and may serve as early diagnostic and prognostic signs. The development of haemorrhages in radiation injury mainly depends on disturbances in the blood-coagulating system and, primarily, in the thrombocytic apparatus. The latter is affected from the very first hours after irradiation.

PETROVA, A.S. (Moskva)

Role of thrombocytes in development of hemorrhagic syndrome in
radiation sickness. Probl.gemat. i perel.krovi 4 no.3:14-17
Mr '59. (MIRA 12:6)

(ROENTGEN RAYS, inj. eff.

radiation sickness, role of blood platelets in
pathogen. of hemorrh. synd. in animals (Rus))

(BLOOD PLATELETS, eff. of radiations on radiation
sickness after x-ray, role in pathogen. of
hemorrh. synd. in animals (Rus))

PETROVA, A.S.

Mechanism of blood coagulation disorders in acute radiation sickness [with summary in English]. Med.rad. 3 no.6:25-29 H-D '52.

(MIRA 1:1)

(HEMORRHAGIC DIATHESIS, exper.
x-ray induced (Rus))

(ROENTGEN RAYS, effects,
exper. hemorrh. synd. induced by radiation sickness
dose of x-irradiation (Rus))

PETROVA, A.S.

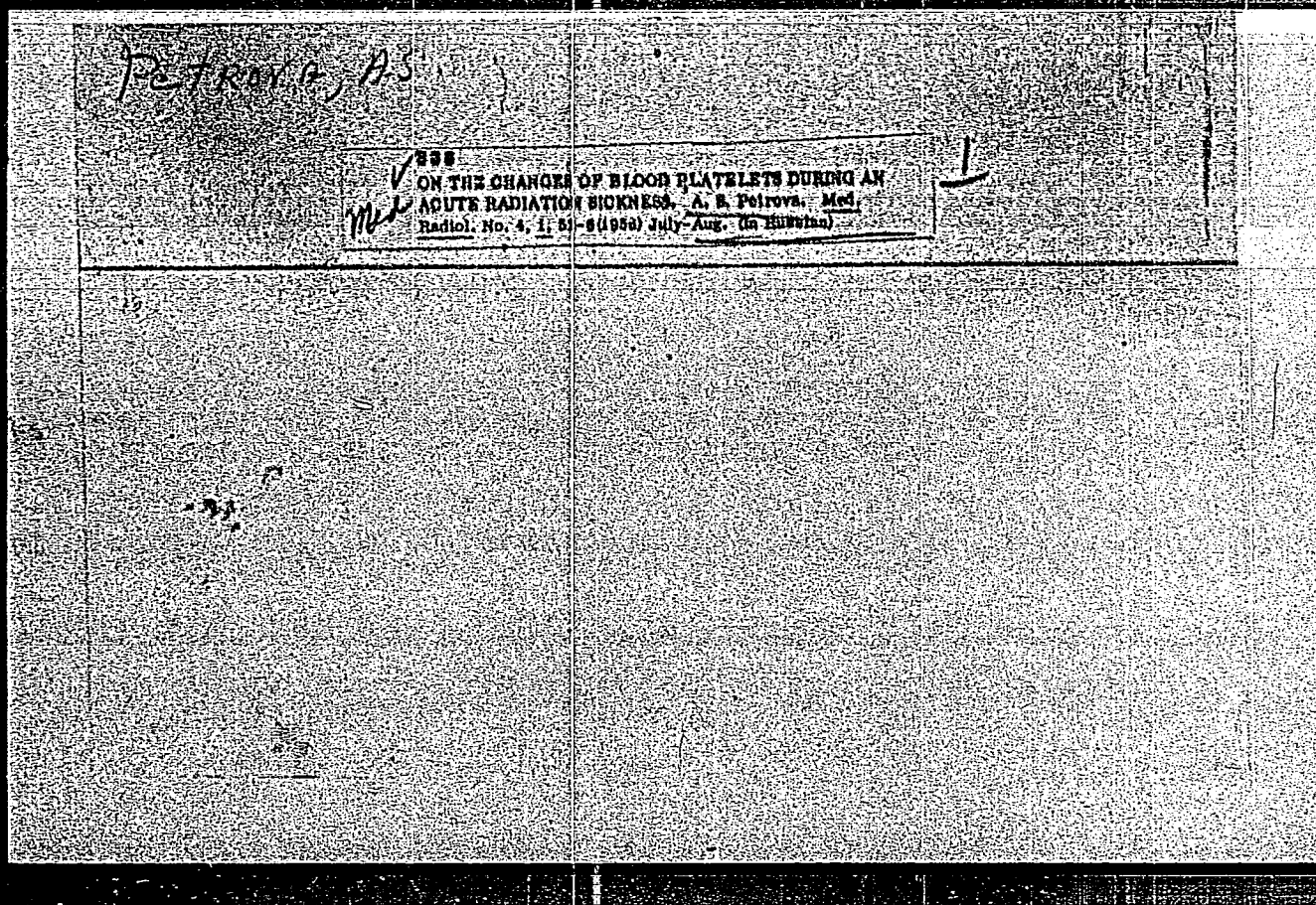
Blood platelet change in acute radiation sickness. Med.rad. 1 no.4:
52-56 J1-Ag '56. (MIRA 9:12)

(BLOOD PLATELETS, eff. of radiations on
reduction of count in x-irradiation of rabbits)

(ROENTGEN RAYS, inj. eff.
reduction of thrombocyte count in rabbits)

PETROVA, A.S.

~~Subcutaneous myiasis~~ in a 7-year old girl. *Pediatrics* 39 no.1:73
Ja-P '56. (MIRA 10:1)
(MYIASIS)



IVANOVA, A.A., kandidat khimicheskikh nauk; PETROVA, A.S., kandidat khimicheskikh nauk

Isomerization of linseed oil in the presence of metals. Khim. prom.
no. 8:240-241 Ag'47. (MLRA 8:12)

(Linseed oil)

VASIL'YEVA, N.N., kand.med.nauk; LAPIN, S.K., kand.med.nauk; SEMOV, V.V.,
kand.med.nauk; SHIKHODYKOV, V.V., kand.med.nauk; PETKOVA, A.S., kand.
med.nauk (Moskva)

Third All-Union Congress of Pathoanatomists. Arkh.pat. 21 no.10:
85-94 '59. (MIRA 14:8)
(ANATOMY, PATHOLOGICAL—CONGRESSES)

32745

S/205/61/001/006/005/022
D268/D305

27 2400

2209

AUTHORS: Buldakov, L.A., Lebedinskiy, A.V., and Petrova, A.S

TITLE: On the role of toxic factors in the pathogenesis of
radiation sickness

PERIODICAL: Radiobiologiya, v. 1, no. 6, 1961, 851 855

TEXT: In 6 dogs, weight 10 ± 0.76 kg, the thoracic duct was exposed in the neck under narcosis and a glass or chlorovinyl canule inserted to drain off all lymph entering the duct. Immediately after the operation the area was irradiated with X-rays at a dose of 1,200 r using an -3 apparatus (RUM-3 mass X-ray unit 3) with a dose rate of 66 r/min. After irradiation 20 ml. of an isotonic sodium chloride solution was given intravenously to increase the lymph drainage, which was continued for 1 - 2 days. Peripheral blood composition was studied for 60 days before and at different times after irradiation. At the time of the experiment the general condition of 5 of the dogs was good and their appetites satisfactory. Rectal temperature was $38.5 - 39.5^{\circ}\text{C}$. On the seventh day body

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3274^E

S/205/61/001/006, 008, 022

D268/D305

On the role of toxic factors in ...

weight fell on an average from 10 to 8.5 kg, beginning to recover from the 12th day. The peripheral blood picture changed very little. For the first twenty-four hours by the sixth hour after irradiation mild neutrophilic leukocytosis developed from 8.2×10^9 to 20×10^9 thousand/mm³ blood, while in the leukocytic fraction the number of neutrophils increased with 12.8 - 13.1 thousand mature and 5-17 thousand young forms per mm³. From the third day after irradiation the total number of leukocytes in the blood was nearly back to the initial number. During the 3rd - 7th day there was a very slow recovery in the quantity of eosinophils and lymphocytes, the original number being attained from the 25th day. In the early period after irradiation eosinophils were reduced by 0 - 0.4 % and lymphocytes by 2.6 %. Changes in the white blood cell picture, therefore, observed in the irradiated dogs after the insertion of the fistula, differ considerably from those characteristic for radiation sickness, the typical leukopenia being absent. There was scarcely any change in the red blood cells, the erythrocyte content being 5 - 6 million/mm³. By the 6th hour in most of the dogs erythrocytes increased from 5.6 to 6.6 million without any increase in hemoglobin.

Card 2/3

On the role of toxic factors in ...

3/205/61/001/006/001/001
D268/D305

From the 7th - 15th day of the experiment in 3 of the dogs reticulo-
cytes had increased 1.4 - 4.4 %, gradually returning to normal. The
increase began at the time when blood was noted in the feces. The
experiments showed that when a large quantity of lymph was removed
from the organism, there were no signs of severe radiation sickness
in dogs at and 24 hours after irradiation, though exposure to a
dose of 1,200 r in normal conditions causes it, usually with sub-
sequent death. In these experiments only 1 dog died. Hemorrhage
was observed in the intestine only which was not directly irradi-
ated. The fact that hemorrhage can be prevented by removal of the
fluid and lymph from the irradiated organ is an indication that
toxic products produced in the organ play a major role in the
origin of hemorrhage. There are 1 table and 25 references. 21 Soviet-
bloc and 2 non-Soviet-bloc. The references to the English-language
publications read as follows: P.P. Ellinger, D.B. Poswit and S.
Glasser, Amer. J. Rentgenol., 6, 102, 1949; L.O. Jacobson, E. Marks
and E. Lorenz, Radiology, 52, 3, 371, 1949.

SUBMITTED: May 19, 1961

Card 3/3

PETROVA, A.S.

~~Report~~ Report on the activities of the Chita section of pediatricians.
for the period of April 1956-June 1958. Vop.okh. mat. i det.
3 no.6:87-88 N-D '58 (MIRA 11:12)

1. Sektsiya pediatrov Chity.
(CHITA--PEDIATRICS--SOCIETIES)

PETROVA, AS

"Concerning Changes of Blood Platelets During Acute Radiation Sickness," by A. S. Petrova, Meditsinskaya Radiologiya, Vol 1, No 4, Jul/Aug 56, pp 52—56

Twenty seven rabbits were subjected to a single total irradiation by X rays with a dose of either 800 r or 1,200 r, and the effects on their blood were studied by electron microscope.

Changes in the absolute thrombocytes count, differential thrombocyte count, surface area of thrombocytes, index of retraction of blood clot, blood coagulation time, and prothrombin time which occur during the early stages of the sickness after the action of ionizing radiation are significant symptoms for the onset of hemorrhagic syndrome.

Decreased thrombocyte count occurs 3 hours after irradiation, at which time there is a shift in the differential thrombocyte count. The average surface area of thrombocytes is increased, and toward the 12th to the 15th day, a significant number of thrombocytes have a surface area 12 microns square, and more (macrothrombocytes). Lengthened coagulation time occurs on the first day after the sickness.

Sum 1219

PETROVA, A.S.; NOVIKOVA, M.I. (Moskva)

Picture of peripheral blood in monkeys in acute radiation sickness.
Biol. eksp. biol. i med. 48 no.9:26-29 S '59. (MIRA 13:1)

1. Nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR N.A. Krayevskiy.
Predstavlena devstvitel'nym chlenom AMN SSSR I.V. Davydovskim.
(RADIATION SICKNESS exper.)
(BLOOD CELLS radiation eff.)

PETROVA, A. S.

USSR/Chemistry - Linseed oil
Chemistry - Isomerization

"Isomerization of Linseed Oil in the Presence of Metals," A. A. Ivanova, A. S. Petrova,
Candidates Chem Sci, 14 pp

"Khim Prom" No 6

In recent years research has been concerned with isomerization of linseed and other oils to find a substitute for tung oil. Author presents in tabular form, with accompanying explanation, a series of tests conducted in linseed oil, with respect to isomerization in presence of metals. Zinc, calcium, mercury, tin, and several others found to give favorable results.

PA 5 TOP

PETROVA, A.S. (Moskva, G-69, ul. Kachalova, d.2/1, kv.42)

Cytological diagnosis of osteoblastosarcoma. Vop. onk. 10 no.7:
8-13 '64. (MIRA 13:4)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii Ministerstva
zdravookhraneniya SSR (dir. - prof. M.V.Volkov).

MIKHAYLOVA, N.M., kand. med. nauk; PETROVA, A.S., kand.med. nauk

Case of Gaucher's disease with bone changes. Ortop. travm.
protez. 24 no.7:61-64 JI '63 (MIRA 17:2)

1. Iz TSentral'nogo instituta travmatologii i ortopedii
(dir. - prof. M.V. Volkov \ Adres avtorov: Moskva A- 299, Novaya
Ipatovka, d.8, TSentral'nyy institut travmatologii i ortopedii.

BULDAKOV, L.A.; LEBEDINSKIY, A.V.; PETROVA, A.S.

Role of toxic factors in the pathogenesis of radiation sickness.
radiobiologiya 1 no.6:851-855 '61. (MIRA 15:2)
(RADIATION SICKNESS)

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Determination of zinc in aluminum and its alloys. K. A. Vassiliev and A. S. Petrova (<i>Zavod. Lab.</i>, 1959, 8, 10-23).—If the Zn content is $>1\%$ it is determined by pptn. with hydroxyquinoline in alkaline medium in presence of Na tartrate; if it is $<1\%$, Al is pptd. as $KAl(SO_4)_2 \cdot 12H_2O$ and Zn determined in the filtrate with H_2S. I. B.																																																																																																																																																											
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KARASEV, K.I., kand. khim. nauk; PETROVA, A.V., inzh.

Polymer cement leveling blankets. Stroi. mat. 9 no.6:13-14
Je '63. (MIRA 17:8)

YABKO, B.M.; MIKHAYLOV, N.V.; PETROVA, A.V.; MATSKEVICH, Ye.B.

Dispersion of natural pigments in cavitation and vibration
mills. Sbor. trud. VNIINSM no.4:121-133 :61. (MIRA 15:2,
(Pigments---Testing)

GOL'DSHTEYN, L.M., prof. (Leningrad, D-88, Nevskiy pr., d.23, kv.5);
PETROVA, A.V. (Leningrad, Gervanskaya ul., d.62, kv.140)

Significance of fluorography in the detection of lung cancer during
prophylactic examinations [with summary in English]. Vop.onk. 3
no.4:411-417 '57. (MIRA 10:11)

1. Iz Instituta onkologii AMN SSSR (dir. - deystvitel'nyy chlen
AMN SSSR prof. A.I.Serebrov)
(LUNG NEOPLASMS, diagnosis,
fluorography, mass survey (Rus))

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

USSR/Cultivated Plants - Medicinal. Essential Oil-Bearing.
Toxins. M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82592

Author : Kozlov, A.M., Kozlov, V.Sh., Petrova, A.V., Goryunov,
I.I.

Inst : Azerb. Agriculture Institute

Title : Poisonous and Noxious Plants in the Summer Pastures of
Azerbaijan. (Preliminary Data).

Orig Pub : Tr. Azerb. s.-kh. inst., 1957, 4, 163-192

Abstract : On the pasture plots in the regions of Malyy Caucasus
and the regions of Bol'shoy Caucasus, poisonous and
noxious plants, consumption of which by cattle produce
toxic effects, were investigated. The alkaloid content
of the aerial and subsurface organs was determined by
field and laboratory methods. A list of 71 species of

Card 1/2

LANDYSHEV, N.M.; PETROVA, A.V.

Organization of control of dermatomycoses in rural areas in the
Kuibyshev district. Vest. vener., Moskva no. 6:51-52 Nov-Dec 1952.
(GIML 24:1)

1. Of Kuibyshev Oblast Skin-Venereological Dispensary (Head Physician --
N. M. Landyshev; Scientific Consultant -- Prof. A. S. Zenin).

1. LINDYCHEV, M. M., ENTROVA, A. V.
2. U.S.R. (600)
4. Kuybyshev Province - Dermatology
7. Organization of control of dermatomycosis in rural areas in the Kuybyshev Province.
Vest. ven. i derm. no. 6. 1958.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

1. PETROVA, A.V., LANLYSHEV, N.M.
2. USSR (600)
4. Dermatomycosis--kuybyshev Province
7. Organization of control of dermatomycoses in rural areas in the Kuybyshev Province. Vest.ven. i derm. no. 6. 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

USSR/Medicine - Dysentery -

PETROVA, A. Ya.

FD 126

Card 1/1

Authors : Semenova, M. A.; Pakidov, M. I.; Kaplan, A. S.; Arbuzova, A. D.; and Petrova, A. Ya.

Title : An experiment in the combined treatment of children suffering from chronic dysentery with colibacterin and Chernokhvostov's vaccine

Periodical : Zhur. mikrobiol. epia. i immun. 4, 29-30, Apr 1954

Abstract : Children in a nursery for children suffering from chronic dysentery were used to test the effectiveness of using Chernokhvostov's vaccine alone, or in combination with colibacterin. The results are given in percentages. No references are cited.

Institutions: Microbiology Division (Head - Prof. L. G. Peretts) of the Sverdlovsk Institute of Epidemiology, Microbiology and Hygiene (Director- G. F. Bogdanov) and the Childrens Sector of the Nizhne-Tagil'sk City Division of Public Health (City Pediatrician M. I. Pakidov)

Submitted : October 10, 1953

PETROVA, A Ya

Naphthalic acid and its substitution products. A. I. Tochukin, V. V. Rernichenko, and A. Ya. Petrova. U.S. S.R. 104,742, Jan. 23, 1957. Acenaphthene or its substitution product is oxidized with NaOCl to the title compds. in an alk. medium in the presence of an O carrier such as pyrolusite activated with HCl without heating followed by diss. of the mass with H₂O and filtration. M. Horsch

1. Petrova A. Ye.
MUSHIN, A.Z., redaktor; ZLOTNIKOV, I.M., redaktor; PETROVA, A.Ye., inzhener,
vedushchiy redaktor; POLOSINA, A.S., ~~tekhnicheskii redaktor~~.

[Theory and practice of hydraulic fracturing of sands; papers at
the All-Union conference] Teoriia i praktika gidravlicheskogo raz-
ryva plasta; materialy vsesoiuznogo soveshchaniia. Moskva, Gos.
nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1957. 209 p. (MIRA 10:11)

1. Vsesoiuznoye soveshchaniye spetsialistov po dobyche nefti.
Baku, 1956.

(Petroleum engineering)

POZHARSKIY, B.G.; STERLINGOVA, T.N.; PETROVA, A.Ye.

Hydrolysis and complex formation of uranyl in mineral acid
solutions. Zhur. neorg. khim. 8 no.7:1594-1611 J1 '63.
(MIRA 16:7)

(Uranyl compounds) (Hydrolysis)
(Acids, Inorganic)

USSR/Medicine - Vitamins

Dec 51

"The Effects of Vitamins on the Acidity and on the Secretion of the Gastric Juice," A. Ye. Petrova, Cand Med Sci, Yu. G. Nazarov, From Therapeutic Clinic, Moscow City Sci Res Inst Imeni Sklifosovskiy

"Klin Med" Vol XXIX, No 12, p 83

In order to answer the question as to the effect of vitamins on acidity and secretion of the gastric juice, the authors tried expts with 3 groups of 20 patients each suffering from gastritis or gastric or intestinal ulcers, giving the 1st group 1 ml 5%

203T76

USSR/Medicine - Vitamins
(Contd)

Dec 51

ascorbic acid soln, the 2d group 1 ml 0.5% nicotinic acid soln, the 3d group 1 ml 0.5% vitamin B₁ soln. The effect was found to be good, particularly with vitamin B₁, but the individual methods and dosages need addnl study. The vitamins were administered intramuscularly.

203T76

PETROVA, A. Ye.

PETROVA, B. D.

Medicine

Nikolai Aleksandrovich Semashko, 1874-1949; a bibliography. Geyzer, I.M. Pod red. B. D. Petrova, Moskva, Izd-vo Akademii med, nauk SSSR, 19 0.

9. Monthly List of Russian Accessions, Library of Congress, June 1951, 2. Unclassified.

PETROVA, B.I., referent; FILIPPOVA, Ye.V., referent.

Telephone communication of hoisting machinery operators with the
cage. Biul. TSIIN tsvet. met. no.9:37 '58. (MIRA 11:6)
(Hoisting machinery) (Telephone)

ETROVA, Biana

The Ivailovgrad Water Power System under construction. Text.
delo 502 1 70 163.

PETROVA, B. S.

Electrolytic tin plating in sulfate electrolyte. R. S.
Petrova, R. P. Alstorski, I. G. Matvey, D. A. Orapkina,
and V. Ya. Teinkins. U.S.S.R. 107,650, Sept. 26, 1967.
Bis(2-quinolinecarboxyl)pyridylmethane is added to im-
prove the structure of the Sn deposit and to hasten the
process. M. Hosh

PM R

7
1-4044
1-4032
1-4220

KOROBKOVA, Ye.I.; VERENINOVA, N.K.; KALACHEVA, N.P.; PETROVA, B.Yu.; KRAYNOVA,
A.N.

Studies on a combined vaccine prepared from killed *Vibrio comma* and
Pasteurella pestis. Zhur. mikrobiol. epid. i immn. 29 no.11:38-45
N '58.
(MIRA 12:1)

1. Iz Instituta mikrobiologii i epidemiologii Yugo-Vostoka SSSR (Mikrob).
(CHOLERA, immnol.
vaccine from killed *Vibrio comma* & *Pasteurella pestis* (Rus))
(PLAGUE, immnol.
same)

ACC NR: AP7002697

SOURCE CODE: UR/0424/66/000/006/0106/0111

AUTHOR: Petrova-Deneva, A. (Sofia)

ORG: none

TITLE: Designing a cylindrical shell for cyclic loads

SOURCE: Inzhenernyy zhurnal. Mekhanika tverdogo tela, no. 6, 1966, 106-114

TOPIC TAGS: cylindric shell, ^{STRUCTURE} cyclic load, edge effect stress, ~~cyclic stress, cyclic stress damping~~ ~~ANALYSIS~~ CYCLIC TEST, SHELL DESIGN, STRESS

ABSTRACT: A method for designing shells of revolution for cyclic loads proposed by the author (Inzhenernyy Zhurnal, V. 5, no. 5, 1965) is applied to a closed cylindrical shell of arbitrary cross section. The A.L. Goldenveyser shell theory equation in displacements and stresses (PMM, v. 21, no. 6, 1957) is used as an initial one, and is solved under the following assumptions: the shell is not too long, the radii of cross section curvature do not have any significant deviations from a certain average value, and there are no portions in the cross-section contour with abruptly changing curvature. The state of stress in the shell is determined as consisting of two component states: a basic

Cord 1/2

UDC: none

ACC NR: AP7002697

state of stress, and a field of stresses caused by the edge effect, which depends on the boundary conditions. Four sets of them are considered which account for three displacement components and the slope of the elastic curve, and contain a parameter t allowing for variation of the cyclic edge loading. The initial equation is solved for three particular values of t which produce three fundamentally different states of stress in the shell. The damping of basic and edge-effect cyclic stresses directed from the shell faces toward the middle cross section of the shell is discussed, and expressions are derived from which the distribution of both component stresses in the shell can be determined. The procedures in analyzing the stresses in short and long cylindrical shells of arbitrary cross section are outlined. Orig. art. has: 4 tables, and 58 formulas. [WA-52]

SUB CODE: 20/ SUBM DATE: 04Apr66

Card 2/2

PETRENEV, A.S., ed. ROZHKOV, A.S., otv. red.;
MIRA, 1965.

[Forest insect pests of Yakutia] Nasekomye - vrediteli
lesov IAKutii. Moskva, Nauka, 1965. 165 p.
(MIRA 18:7)

PETROVA, D.V.

Periodicity of processes in the larval development of the Chinese
tussah moth (*Antheraea pernyi* G.-M.). Vop. skol. 7:134-135 '62.
(MIRA 16:5)

1. Institut morfologii zhivotnykh AN SSSR, Moskva.
(Larvae—Insects) (Moths)

PETROVA, D.V.

Characteristics of gas exchange in caterpillars of the Chinese tunic moth during molt. Dokl. AN SSSR 151 no.3:737-739 JI '63.

(MIRA 16:9)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.
Predstavleno akademikom Ye.N.Pavlovskim.

(Silkworms) (Respiration)

ACC NR: AP6022192

SOURCE CODE: UR/0026/66/000/006/0057/0057

AUTHOR: Petrova, D. V. (Moscow)

ORG: none

TITLE: Massive increase of Siberian tent caterpillars and measures used in controlling them

SOURCE: Priroda, no. 6, 1966, 57

TOPIC TAGS: insect, insect^{control}, pest control, tent caterpillar

ABSTRACT:

The author reviews a recent book by A. S. Rozhkov (Massovoye razmnzheniye Sibirskogo shelkopryadai mery bor'by s nim, Izd-vo Nauka, 1965, 179 p.) which gives a historical sketch of pest control in Siberia as well as accounts of cases of eye diseases caused by contact with the poisonous "silk" of these insects. Reasons for the outbreaks and a comprehensive evaluation of modern chemical and biological controls are given.

[W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: none

Card 1/1

PETROVA, D.V.

Estivation of the Colorado beetle (*Leptinotarsa decemlineata*
Say) in Transcarpathia, Ukrainian S.S.R. Dokl. AN SSSR 147
no.5:1196-1199 D '62. (MIRA 16:2)

1. Institut morfologii zhivotnykh im. A.N. Severtsova AN SSSR.
Predstavleno akademikom Yu.A. Orlovym.
(Transcarpathia--Potato beetle)

USHATINSKAYA, R.S.; PETROVA, D.V.

Physiological characteristics of Colorado beetle (*Leptinotarsa*
decemlineata Say). Izv. AN SSSR Ser. biol. 28 no. 5:735-745
S-0'63 (MIRA 16:11)

1. Institute of Animal Morphology, Academy of Sciences of
the U.S.S.R., Moscow.

*

PETROVA, D.V.

Periodicity in the individual development of the chinese tussah
moth *Antheraea pernyi* G.-M. Report No.2: Some enzymes and catalysts
of tissue metabolism. Zhur.ob.biol. 20 no.6:483-486 N-D '59.
(MIRA 13:4)

1. Institute of Animal Morphology, Academy of Sciences of the U.S.S.R.
(SILKWORMS) (TISSUE METABOLISM)

VENCovsky, E.; PETROVA, E.; SEDIVEC, V.; JANOVSKY, Fr.;
DVORAKOVA, M.

Preliminary clinical experiences with sordinol therapy. Activ.
nerv. sup. 5 no.2:198-199 My 1963.

1. Psychiatricka klinika lekarske fakulty KU, Plzen.
(PARANCIA) (HALLUCINATIONS) (CATATONIA)
(PSYCHOSES, MANIC DEPRESSIVE)
(BRAIN ELECTROPHYSIOLOGY)
(TRANQUILIZING AGENTS)

PE.ROVA, E.

"Utilizing New Methods in the Construction of Agricultural Cooperatives."
p. 22, (KOOPERATIVNO STROENIE, Vol. 9, No. 9, 1954, Sofiya, Bulgaria,

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

1. 100-100-100

1. V. GAVRY, L. P. GAVRY, M. G. GAVRY, Jr. G. GAVRY and M. G. GAVRY,
Pediatric Clinic of Medical Faculty of Leningrad University, Leningrad.

Preliminary Clinical Experiences with Serenine.

1. GAVRY, L. P. GAVRY, M. G. GAVRY, Jr. G. GAVRY and M. G. GAVRY,
Pediatric Clinic of Medical Faculty of Leningrad University, Leningrad.

Abstract: Chlorprothixene was used in 16 psychiatric patients at daily
doses of 15 to 45 mg. per os or i.m. for average of 26 days: 1
excellent, 8 good results, rest none. Side effects extrapyramidal in
v. table.

1/1

PETROVA, .

"Puerto Rico."

p. 13 (Geographia, Vol. 4, No. 6, 1954, Sofia, Bulgaria)

Monthly Index of East European Accessions (MEA) 11, Vol. 3, No. 11,
Nov, 1967

E. PETROVA & A. BRONSTEIN

"Examination of the acoustic analyzer of newborn and nursing babies"
Tr. from the Russian p. 5 (ANALELE RMANCO-SOVIETICE. SERIA PSIHIATRIE
Vol. 6, No. 1, Jan/Feb. 1953 , Bucuresti, Rumania)

SO: East European , L. C. Vol. 2, No. 12, Dec. 1953

PETROVA, Ekaterina, inzh.; KOSTOV, Sazdo, arkh.; TOSKOV, Iv., st. konstr.

Application of wood-fiber plates in furniture industry. Durvomebel
prom 5 no.1:11-14 Ja-F '62.

1. Nauchnoizsledovatel'ski institut po durvoobrabotvashta i mebelna
promishlenost.

BOZHILOVA, EL.; PETROVA, Ev.

Morphology of the pollen of the Bulgarian species of *Larix* L. and *Ostrya* Mich. *Godishnik biol* 57 no.1:42-46, 1964
[publ. '64.].

Palynological studies of the two species of *Geum* L. in Bulgarian flora. *Ibid.*:126-133

PETROV, Andrey Ivanovich; DROBAKH, Viktor Terent'yevich; PETROVA, E.A., ved. red.; VORONOVA, V.V., tekhn. red.

[Techniques of measuring the pressure and consumption of fluids and gas] Tekhnika izmereniia davlenii i raskhodov zhidkosti i gaza. 2., dop. i perer. izd. Moskva, Gostop-tekhizdat, 1963. 246 p. (MIRA 16:4)
(Fluids—Measurement) (Pressure—Measurement)

17(2)

SCV/20-126-5-53/69

AUTHOR: Petrova, E. A.

TITLE: Sources of Nitrogen Food for Sulphur-purple Bacteria (Istochniki azotnogo pitaniya dlya sernykh purpurnykh bakteriy)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 5, pp 1100 - 1102 (USSR)

ABSTRACT: NH_4Cl is normally used for the purpose mentioned in the title. In the problem of nitrogen exchange, the investigators paid their principal attention to the fixation of molecular nitrogen (Ref 2). But there are no comparative investigations on different nitrogen food sources for photosynthetizing bacteria. Also the relation between thiorhodaceae and amino acids was not considered. The present paper was dedicated to these two problems. A pure culture of Chromatium minus Winogr. was isolated from the mud of the river Moskva. A slightly modified medium of C. B. van Niel (Ref 7) was used as nutrient medium. Various nitrogenous compounds were admixed in such a quantity that 13 mg of nitrogen per 100 ml (i.e. the same quantity as in an 0.05% NH_4Cl -solution) were contained in the medium. Ammonium salts, urée, nitrates and nitrites, further yeast- and casein-auto-

Card 1/3

Sources of Nitrogen Food for Sulphur-purple Bacteria

SCV/26-126-5-53/69

lysates, peptone, and various amino acids were chosen as mineral nitrogen sources. The culture is capable of fixing the molecular nitrogen in the blowing through of nitrogen. Traces of mineral nitrogen introduced with reagents sufficed to ensure the development of bacteria on a nutrient medium with 0.1% sodium sulphate. They were able to develop practically to infinity (at least to the 17th passage) on this medium "free of nitrogen". Also with the admixture of nitrogenous compounds, their development was practically the same everywhere, and not different from the control ("without nitrogen"). An exception were nitrites which proved to be poisonous. Table 1 shows results of an experiment with the admixture of some organic acids (0.15% fumaric acid) beside the sulphide. It is evident that the acid intensified the carbon exchange, thus leaving the nitrogen as the factor limiting the development. On all N-sources, the development was about the same. With the admixture of fumaric acid, the development on nitrates did not exceed the control on "medium without nitrogen", whereas on ammonium salts and on urea, the number of cells was nearly trebled. Among the complicated organic nitrogen sources, yeast autolysate was the best, peptone was weaker, while casein autolysate caused quite an

Card 2/3

Sources of Nitrogen Food for Sulphur-purple Bacteria

SV 77-126-5-52/60

unimportant increase in the number of cells. This fact alone suggested that amino acids can hardly be utilized by the sulphur-purple bacteria. This was confirmed because among the 15 amino acids, 15 were poisonous for thiorhodaceae. Table 2 shows the varying degree of toxicity in individual amino acids. Table 3 shows, however, that the organic acids corresponding to the amino acids often do not only effect no obstruction of development, but are even utilized by the culture. Thus, ammonium salts and urea are the best nitrogen sources for Chr. minus. Small quantities of molecular nitrogen can be fixed, but neither nitrates nor amino acids are utilized. V. N. Shaposhnikov, Academician, conducted the work. There are 3 tables and 7 references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova
(Moscow State University imeni M. V. Lomonosov)

PRESENTED: March 13, 1959, by V. N. Shaposhnikov, Academician

SUBMITTED: March 13, 1959

Card 3/3

PETROVA, E.A.

Amino acid utilization by the purple bacteria *Rhodopseudomonas palustris*. Dokl.AN SSSR 136 no.1:218-221 Ja '61. (MIRA 14:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom V.N.Shaposhnikovym.
(Amino acids) (*Rhodopseudomonas palustris*)

PETROVA, E. A.

Dissertation defended at the Institute of Microbiology
for the academic degree of Candidate of Biological Sciences;

"Use of Aminoacids by Growing Cultures and Suspensions of Washed Cells
of Photoautotropic Representatives of Purple Bacteria."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

PETROVA, E.A.

Morphology of sulfur purple bacteria of the genus *Chromatium* and its relation to the composition of the culture medium. *Mikrobiologiya* 28 no.6:814-818 N-D '59.
(MIRA 13:4)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.
(CHROMATIUM culture)

PETROVA, E. A.

Distr: 4E2c

Cobaltite in serpentine rocks of the Khalilovsk region in the South Ural. G. A. Kutor and E. A. Petrova. Trudy Moskov. Geol. Razvedch. Inst. im. S. S. Ordzhonikidze 29, 69-72 (1960). Mineralographic description and a chem. analysis of cobaltite are given. A. Volborth

"APPROVED FOR RELEASE: 06/15/2000

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APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240520014-2"

NOVIKOVA, G.A.; PETROVA, E.A.; USHAKOVA, V.I.; FEFILOVA, Ye.P.

Formation of diacetyl and acetoin by lactic acid streptococci.
Trudy Inst. mikrobiol. no. 6:87-92 '59. (MIRA 13:10,

1. Kafedra mikrobiologii Moskovskogo gosudarstvennogo universiteta.
(BUTANONE) (BUTANEDIONE) (LACTIC ACID BACTERIA)

DANILOVA, K.S.; NESHATAYFVA, Ye.V.; PETROVA, E.B.; PODMOSTKOVA, V.A.;
YAKIMOV, P.A.

Use of cotton or sunflower seed cake extracts in the biosynthesis
of penicillin and tetracyclines. Trudy Len.khim.-farm.inst.
no.15:31-37 '62.

(PENICILLIN) (TETRACYCLINE) (MIRA 15:11)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

PODMOSTKOVA, V.A.; PETROVA, E.B.; YAKIMOV, P.A.

Test of the strain Novyi gibril on starch-lactose corn and cotton
seed cake media. Trudy Len.khim.-farm.inst. no.15:39-43 '62.
(MIFA 15:11)

(PENICILLIUM)
(BACTERIOLOGY—CULTURES AND CULTURE MEDIA)

YAKIMOV, P.A.; PODMOSTKOVA, V.A.; PETROVA, E.B.

Effect of soy, boron and potato introduced into the composition
of the fermentation media on the biosynthesis of penicillin.

Trudy Len.khim.-farm.inst. no.15:63-68 '62. (MIRA 15:11)

(PENICILLIN)

(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

YAKIMOV, P.A.; GORSHKOV, B.G.; LEREDEV, N.A.; CHEKMEZOVA, O.V.; PETROVA,
E.B.; PODMOSTKOVA, V.A.; VITUSHKINA, A.T.

Utilization of starch-potato media in the production of penicillin.
Trudy Len.khim.-farm.inst. no.15:69-74 '62. (MIRA 15:11)

1. Kafedra tekhnologii antibiotikov (zav. - prof. P.A.Yakimov)
Leningradskogo khimiko-farmatsevticheskogo instituta i
Krasnoyarskiy zavod meditsinskikh preparatov (dir. - B.G.Gorshkov).
(PENICILLIN)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)

LARIONOVA, T.V.; PETROVA, E.B.; PODMOSTKOVA, V.A.; YAKIMOV, P. A.

Effect of molybdenum and boron in an enriched medium on the
biosynthesis of streptomycin. Trudy Len.khim.-farm.inst.
no.15:121-126 '62. (MIRA 15:11)

(STREPTOMYCIN)
(BACTERIOLOGY--CULTURES AND CULTURE MEDIA)